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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/558,431	11/29/2005	Sam-Chul Ha	7950.039.00	6709
30827 7590 01/07/2009 MCKENNA LONG & ALDRIDGE LLP 1900 K STREET, NW			EXAMINER	
			WYLLIE, CHRISTOPHER T	
WASHINGTON, DC 20006			ART UNIT	PAPER NUMBER
			2419	
			MAIL DATE	DELIVERY MODE
			01/07/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)	
Notice of Abandonment	10/558,431	HA ET AL.	
Notice of Abandonment	Examiner	Art Unit	
	CHRISTOPHER T. WYLLIE	2419	
The MAILING DATE of this communication	appears on the cover sheet with the	correspondence address	

This application is abandoned in view of:
Applicant's failure to timely file a proper reply to the Office letter mailed on 11 June 2008. (a) A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of monthly) which expired on
(b) A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection.
(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee), or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).
(c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
(d) ☒ No reply has been received.
 Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
(a) The issue fee and publication fee, if applicable, was received on (with a Cartificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
(b) The submitted fee of \$ is insufficient. A balance of \$ is due.
The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$
(c) The issue fee and publication fee, if applicable, has not been received.
3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
(a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.
(b) No corrected drawings have been received.
4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.
 The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.
6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.
7. The reason(s) below:
/Edan Orgad/ Supervisory Patent Examiner, Art Unit 2419
Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to

U.S. Patent and Trademark Office PTOL-1432 (Rev. 04-01)

NOTE: Attorney was called 12/29/2008 and indicated Application 10/558,431 was abandoned.